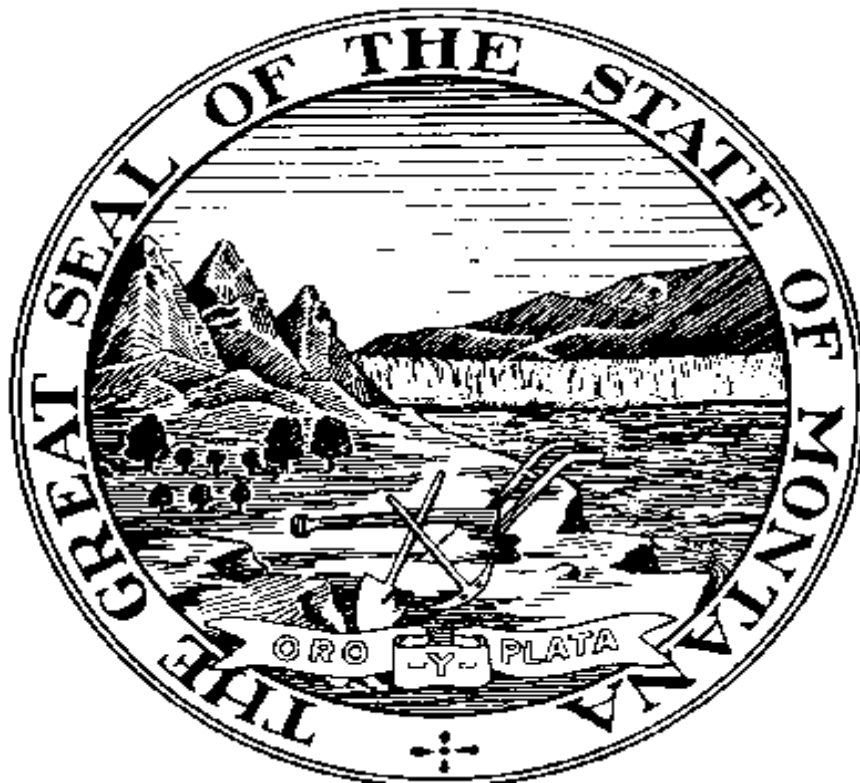


CONSTRUCTION FIRE SAFETY CHECKLIST

Occupational Safety & Health Bureau



Montana Department of Labor & Industry

Prepared for Montana Employers
By the

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CONSTRUCTION FIRE SAFETY CHECKLIST

YES/NO

- _____ Is there a formal site fire protection program?
- _____ Is access maintained to fire fighting equipment at all times?
- _____ Is fire fighting equipment conspicuously located?
- _____ Is fire fighting equipment inspected and maintained in operable condition at all times?
- _____ If warranted, is there a fire fighting brigade?
- _____ Is there sufficient water supply to properly operate water supplied fire suppression systems?
- _____ Are there 2-A rated extinguishers for each 3,000 sq. Feet?
- _____ Is travel to extinguishers 100 feet or less?
- _____ Is there at least one extinguisher on each floor?
- _____ Is there a minimum 10-B rated extinguisher located where there are flammable/combustible liquids of 5 gallons or 5 pounds in use?
- _____ Are all portable extinguishers periodically inspected and maintained?
- _____ Are hose connections compatible with local fire fighting equipment?
- _____ Are sprinkler systems placed in use as soon as practical or kept in service as long as is reasonable?
- _____ Are standpipes maintained ready for use?
- _____ Are all standpipes conspicuously marked?
- _____ Where applicable, are alarm systems in place and operable?

YES/NO

- _____ Are fire walls, barriers, and cutoffs in place as soon as practical?
- _____ Is electrical wiring design and installation in compliance with standards?
- _____ Are any internal combustion exhausts directed away from combustible materials?
- _____ Is smoking prohibited in the vicinity of operations which constitute a fire hazard?
- _____ Are temporary buildings located so as to not obstruct means of egress?
- _____ Are temporary buildings containing flammable gases, explosives, etc. located 10 feet or more from other buildings or structures?
- _____ Are combustible materials piled with regard to stability, no higher than 20 feet?
- _____ Are combustible storage areas free from weeds, debris, and other combustible materials?
- _____ Are combustible materials outside stored 10 feet or more from the building?
- _____ Are combustible materials stored inside away from means of egress?
- _____ Are non-compatible materials segregated by a barrier with a 1 hour fire resistance rating?
- _____ Is a 36" clearance maintained between sprinklers and stored materials?
- _____ Is appropriate clearance maintained between heating, lighting and combustible materials?
- _____ Are materials maintained a minimum of 36 inches from fire door openings?
- _____ Are only approved containers and portable tanks used for storage and handling of flammable and combustible liquids?

YES/NO

- _____ Are only approved metal containers used for handling and use of flammable liquid quantities greater than 1 gallon?
- _____ Are only original or approved containers used for quantities of 1 gallon or less of flammable liquids?
- _____ Are flammable liquids stored away from exits, stairways and passageways?
- _____ Are flammable liquids in excess of 25 gallons stored in an approved storage cabinet?
- _____ Are approved storage cabinets conspicuously labeled AFlammable-Keep Fire Away≡?
- _____ Do storage cabinets contain no more than 60 gallons of flammable or 120 gallons of combustible liquids?
- _____ Are materials which will react with water and create a hazard stored in a separate room from flammable and combustible liquids?
- _____ Are inside flammable and combustible liquid storage rooms provided with a gravity or a mechanical exhausting system?
- _____ Are 3 foot wide aisles provided in flammable and combustible liquid storage rooms?
- _____ Are outdoor storage piles no larger than 1,100 gallons?
- _____ Are outdoor piles separated by 5 foot aisles?
- _____ Are outdoor piles at least 20 feet from buildings?
- _____ Are storage areas graded to divert leakage and spills from buildings?
- _____ Do storage drains terminate in safe locations?
- _____ Are outdoor storage tanks a minimum of 20 feet from buildings?

YES/NO

- _____ Is a 12 foot wide fire control access maintained at outdoor storage?
- _____ Are storage areas kept free of weeds, debris, and other combustibles?
- _____ Are inside storage areas provided a 20-B rated extinguisher within 10 feet of the door?
- _____ Are outside storage areas provided a 20-B rated extinguisher no less than 25 feet from them and no more than 75 feet from them?
- _____ Are vehicles used for the transport or dispensing of flammable and combustible liquids provided with a minimum 20-BC extinguisher?
- _____ Are dispensing areas for flammable/combustible liquids in excess of 5 gallons separated from other operations by a minimum of 25 feet?
- _____ Are dispensing areas provided with adequate ventilation?
- _____ Are containers used for transfer of flammable liquids from one to another electrically bonded?
- _____ Is liquid transfer through a closed piping system, from a safety can, from portable tanks, pump systems, or gravity flow through an approved self closing valve?
- _____ Are flammable liquid dispensing units protected from collision?
- _____ Are dispensing devices and nozzles of an approved type?
- _____ Are flammable liquid kept in closed containers when not in actual use?
- _____ Is leakage or spillage of flammable liquid disposed of promptly?
- _____ Are there no open flames or other potential sources of ignition within 50 feet of operations involving flammable liquids?
- _____ Are flammable or combustible liquids used for service and refueling stored in approved closed containers, approved tanks underground, or in approved above ground portable tanks?
- _____ Is the dispensing nozzle an approved automatic-closing type?

Yes/No

- _____ Is there a clearly identified, easily accessible emergency cut-off switch provided at a location remote from the fuel dispensing area?
- _____ Are smoking or open flames permitted in areas used for fueling, fuel systems servicing, receiving, or dispensing fuels?
- _____ Are conspicuous and legible signs posted prohibiting smoking?
- _____ Are the motors of equipment shut off during fueling?
- _____ Is a 20-BC minimum rated fire extinguisher provided within each pump, dispenser, fill pipe opening, and lubrication or service area?
- _____ Are LP gas containers, valves, connectors, manifolds, and regulators of an approved type?
- _____ Are container connection shut off valves located as near as possible to the container?
- _____ Are containers and vaporizers equipped with 1 or more safety relief devices?
- _____ Are no shut off valves located between containers and safety relief devices?
- _____ Does motor vehicle LP gas fueling from bulk storage occur at the following distances?
* 10 feet or more from masonry buildings?
* 25 feet or more from other buildings or construction?
* 25 feet or more from any building opening?
- _____ Does filling of portable containers of skid mounted containers from bulk occur at least 50 feet from any building?
- _____ Are LP gas appliances of an approved type?
- _____ Are LP containers and equipment installed outside upright?
- _____ Are such containers and equipment located on a firm foundation or secured firmly?
- _____ Are flexible connectors or fittings used where settling might occur?

Yes/No

- _____ Are LP gas containers and equipment used inside of buildings or structures only when operations require such use and exterior location is impractical?
- _____ Are excess flow valves installed on LP gas containers having a water capacity of 2.5 pounds, 1 pound gas capacity?
- _____ Are regulators connected directly to containers or manifolds?
- _____ Are regulators suitable for use with LP gas?
- _____ Are the valves of LP containers or 20 pounds or greater gas capacity protected from damage during storage and use?
- _____ Is the use of aluminum piping or tubing for LP gas prohibited?
- _____ Are all LP gas container valves, regulators, hose, and accessories designed for a minimum of 250 psig?
- _____ Are portable LP gas heaters equipped with flame failure automatic shut-offs?
- _____ Are LP gas system connectors, valves, regulators, piping, and tubing not used for structural support?
- _____ Are LP gas systems so located as to protect them from high temperatures and physical damage?
- _____ Is the capacity of LP gas containers used inside buildings no greater than 245 lbs. water/100 lbs. gas?
- _____ Are external LP gas containers kept a minimum of 6 feet from heater units?
- _____ Are heaters directed away from and separated from any LP gas containers within 20 feet?
- _____ Do containers connected together total a gas capacity of 300 lbs. or less?
- _____ Are multiple container systems arranged to allow replacement without shut off of the system gas flow?
- _____ Is there a regulator in the supply line between the heater and the fuel container?

Yes/No

- _____ Is the cylinder connector equipped with an excess flow valve?
- _____ Are regulators and low pressure relief devices rigidly attached to the cylinder valve?
- _____ Is general storage of LP gas containers prohibited within buildings?
- _____ Where temporary heating devices are used, is fresh air supplied by natural or mechanical means?
- _____ Where heaters are used in confined spaces is adequate and appropriate ventilation provided?
- _____ Where heaters are used are they installed to provide adequate clearance from combustibile materials?
- _____ Are heaters in use placed so they are horizontally level?
- _____ Are solid fuel salamanders prohibited in buildings and on scaffolding?
- _____ Are flammable liquid fired heaters equipped with physical controls to stop flow of fuel in the event of flame failure?

